Panasonic
ideas for life

DMC-TZ18
Digital Camera

- 16x Optical Zoom LEICA DC Lens from 24mm Ultra Wide-angle
- 20x Intelligent Zoom with Intelligent Resolution Technology
- iA(Intelligent Auto) Mode with POWER O.I.S.(Optical Image Stabilizer)
- HD Movie Recording and LUMIX Image Uploader
- Large, 3.0-inch Intelligent LCD with 230,000-dot Resolution
- Easy Manual Control with A/S/M Mode
- LUMIX Super Zoom Digital Camera

Super Zoom Camera TZ18 - Ultra Compact Camera with Powerful 16x Optical Zoom

Metrics

Dimensions (W x H x D)	104.9 x 57.6 x 33.4 mm (4.13 x 2.27 x 1.31 in)
Weight	Approx. 188g without Battery and SD Memory Card (0.414 lb) Approx. 210g with Battery and SD Memory Card (0.462 lb)

Optics

Camera Effective Pixels	14.1 Megapixels
Sensor Size / Total Pixels / Filter	1/2.33-type CCD sensor / 14.5 Total Megapixels / Primary Color Filter
Aperture	F3.3 - 5.9/ Multistage Iris Diagram (F3.3 - 6.3 (W) / F5.9 - 6.3 (T))
Optical Zoom	16x
Focal Length	f=4.3-68.8mm (24-384mm in 35mm equiv.) (28-448mm in 35mm equiv. in movie recording)
Extra Optical Zoom (EZ)	18.9x (4:3 / 10M), 22.5x (4:3 / 7M), 27.0x (4:3 / 5M), 33.8x (4:3 / under 3M)
Intelligent Zoom	20x
Lens	LEICA DC VARIO-ELMAR 12 elements in 10 groups (3 Aspherical Lenses / 6 Aspherical surfaces / 1 ED Lens)
2-Speed Zoom	Yes
Optical Image Stabilizer	Power O.I.S. (On / Off)
Digital Zoom	4x (Max. 64.0 x combined with Optical Zoom without Extra Optical Zoom)

DMW-BCG10E

Panasonic
ideas for life

	(Max. 135 x combined with Extra Optical Zoom)
Focusing Area	Normal: Wide 50 cm - infinity / Tele 200 cm - infinity Macro / Intelligent AUTO/ movie recording: Wide 3 cm - infinity / Tele 100cm - infinity
Focus Range Display	Yes
AF Assist Lamp	Yes
Focus	Normal/ AF Macro, Zoom Macro, Quick AF, AF Tracking Continuous AF (only for motion picture)
AF Metering	Face / AF Tracking / 23pt / 1pt / Spot
Shutter Speed	Still: 60 - 1/4000 sec Starry Sky Mode : 15, 30, 60sec
Shutter Interval	approx. 0.7 sec

Recording

Face Recognition	Photo
Optical Image Stabilizer	Photo / Movie
Intelligent ISO Control	Photo
Face Detection	Photo
Intelligent Scene Selector	Photo (Portrait, Scenery, Night Portrait, Night Scenery, Sunset, Macro)
Intelligent Exposure	Photo / Movie
AF Tracking	Photo
Digital Red Eye Correction (Red-Eye Removal)	Photo
Intelligent Resolution Technology	Photo / Movie
File Format	Still Image: JPEG(DCF/Exif2.3) Motion picture: QuickTime Motion JPEG
Mode Switch	[Recording] / [Playback]
Mode Dial / Mode Button	Intelligent Auto, P, A, S, M, Custom, SCN, My SCN2, My SCN1, Movie
Still Image Scene Mode	Portrait, Soft Skin, Transform, Self-Portrait, Scenery, Panorama Assist, Sports, Night Portrait, Night Scenery, Food, Party, Candle Light, Baby1, Baby2, Pet, Sunset, High sensitivity, Hi-Speed Burst (image priority/speed priority), Flash Burst, Starry Sky, Fireworks, Beach, Snow, Aerial, Pinhole, Film Grain, High Dynamic (standard/ art/ B&W), Photoframe, Under Water
Continuous Shooting Mode	High-speed Burst Mode: approx. 5.5 frames/sec (image priority) approx. 10 frames/sec (speed priority) (recorded in 3M for 4:3, 2.5M for 3:2, 2M for 16:9, 2.5M for 1:1)
Exposure	Program AE, Aperture Priority AE, Shutter Priority AE, Manual
Exposure Compensation	1/3 EV step, +/-2 EV
Backlight Compensation	Yes (only in Intelligent AUTO mode)
Auto (AE) Bracketing	1/3 ~1EV step, Max +/-1, 3 frames
Light Metering	Intelligent Multiple / Center Weighted / Spot
ISO Sensitivity	Auto / i.ISO / 100 / 200 / 400 / 800 / 1600 High Sensitivity mode (ISO 1600-6400)
Aspect Ratio	1:1 / 4:3 / 3:2 / 16:9

Panasonic
ideas for life

Still Picture Recording	[1:1] 3232x3232(10.5M) / 2736x2736(7.5M EZ) / 2304x2304(5.5M EZ)/ 1920x1920(3.5M EZ) / 1536x1536(2.5M EZ) / 480x480(0.2M EZ) [4:3] 4320x3240(14M) / 3648x2736(10M EZ) / 3072x2304(7M EZ)/ 2560X1920(5M EZ) / 2048X1536(3M EZ) / 640x480(0.3M EZ) [3:2] 4320x2880 (12.5M) / 3648x2432 (9M EZ) / 3072x2048 (6M EZ)/ 2560x1712 (4.5M EZ) / 2048x1360 (2.5M EZ) / 640x424 (0.3M EZ) [16:9] 4320x2432 (10.5M) / 3648x2056 (7.5M EZ) / 3072x1728 (5.5M EZ)2560x1440(3.5M EZ) / 1920x1080 (2M EZ) / 640x360 (0.2M EZ) /
Image Quality	Fine / Standard
White Balance	Auto / Daylight / Cloudy / Shade / Incandescent / White Set (Selectable at Portrait, Soft Skin, Transform, Self-Portrait, Panorama Assist, Sports, Baby, Pet, High Sensitivity, Highspeed Burst, Pinhole, Photo Frame, High Dynamic)
Quick Menu	Yes
Color Mode / Color Effect	Standard, Natural, Vivid, Black & White, Sepia, Cool, Warm, Happy
Real-time histogram	Yes
Composition Guide line	Yes (2 pattern)
Auto Review	off, 1sec, 2sec, Hold
Easy Zoom / Zoom Resume	Yes/ Yes
Optical Zoom in Motion Picture	Yes
Macro Zoom	Yes
Orientation Detector	Yes
Scene Mode Help Screen	No
Self Timer	2sec / 10sec
Focus Icon Select	Yes (in Face Recognition only)

Playback

Playback Mode	Normal Playback, Slideshow, Flitering Playback (Picture Only, Video Only, Travel, Category, Favorites), Calendar Playback
Thumbnails / Zoomed Playback	12,30-thumbnails / Yes
Calendar Display / Dual-Image Playback	Yes / No
Set Favorites / Rotate Image	Yes / No
Playback Motion Picture	Yes
Slideshow Mode	All / Picture Only / Video Only / Travel / Category / Favorites BGM Effect (Natural / Slow / Swing / Urban / OFF)
Show Histogram	Yes
Delete Image	Single / Multi / All / All except Favorites
DPOF Print Setting / Set Protection	Yes / Yes
Copy / Title Edit / Text Stamp	Yes / Yes / Yes
PictBridge Support	Single / Multi / All / Favorites / DPOF

Setup

OSD language	Japanese, English, German, French, Italian, Spanish
Wind-Cut in Motion Picture	Yes
Travel Date / World Time	Yes / Yes

Panasonic
ideas for life

Others

LUMIX Image Uploader	Yes
LCD Monitor	7.5cm (3.0") TFT Screen LCD Display (230K dots) Field of View : approx. 100% Power LCD mode, AUTO Power LCD mode, High Angle mode
Built-in-Flash	Auto, Auto/Red-eye Reduction, Forced On, Slow Sync./Red-eye Reduction, Forced Off 0.6 - 5.0m (Wide/ISO Auto), 1.0 - 2.8m (Tele/ISO Auto)
Recording Media	Built-in Memory, SD Memory Card, SDHC Memory Card, SDXC Memory Card
Built-in-Memory	Approx. 70MB
Microphone / Speaker	Mono / Yes
Interface	AV Output (PAL), USB2.0 High speed
Power	ID-Security Li-ion Battery Pack (3.6V, Minimum: 895mAh) (Included) AC Adaptor (Input: 110-240V AC) (Optional)
Battery life (approx.)	340 pictures (CIPA Standard)*1
Included Software	PHOTOfunSTUDIO 6.0 QuickTime Adobe Reader Super LoiLoScope (trial version)
Standard Accessories	Battery Charger, Battery Pack, AC Cable, AV Cable, USB Cable, AC Cable, Hand Strap, CD-ROM
NOTE	• Motion pictures can be recorded continuously for up to 15 minutes in European PAL area.